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– 12-oxo-12*H*-benzo-1,3-thiazolo-[2,3-*b*]quinazolines from isatoic anhydride, 2-aminothiophenols, and ethyl chlorocarbonate (2 steps) (1793)

Benzo[*b*]thiophenes
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– 2- and 3-(2-aminoethyl)-benzo-[*b*]thiophenes by reduction of 2- and 3-cyanomethylbenzo[*b*]-thiophenes with lithium alanate/aluminum chloride (1581)
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– benzo[*b*]thiophene-2-carboxylic acids from β-aryl-α-mercaptoacrylic acids and chlorine (1514)
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Benzotropones
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Benzynes
see: *Arynes*

Betaines
Synthesis
– 1-dialkylhydrazinio-3,5-dioxo-4-phenyltetrahydro-1,2,4-triazole betaines ("aminoazimines") (1638)
– guanidinium betaines from 4-amonioalkoxycarbonylphenoxides and S-methyl-N-nitroisothiourea (1216)
– 2-sulfoethylamonium betaines from pyridines, benzopyridines, or trialkylamines, ethylenesulfchloride, and acetic acid (1428)

Biacenaphthylidenes
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– biacenaphthenylidenediones from acenaphthenones and acenaphthylene-1,2-quinone mono-(4-dimethylaminophenylimines) (1412)

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– *endo-cis*-3-amino-2-hydroxybornane from 3-oximinocamcamphor and lithium alanate (1723)
– *exo-cis*-3-amino-2-hydroxyborane from 3-oximinocamphor and lithium alanate (1723)
– 3-*endo*-amino-2-*exo*-hydroxybornane from 3-oximinocamphor and sodium shot in xylene/ethanol (1723)
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Pyrido[3,2-c]carbazoles
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